

2011 Great Lakes Waterways Conference

Great Lakes Navigation
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Federal Harbors in the Detroit District

~ 100 Navigation Projects

~ 600 Miles of Navigation Channel

~ 99 miles of Structures

~ 3,200 Miles of Coastline

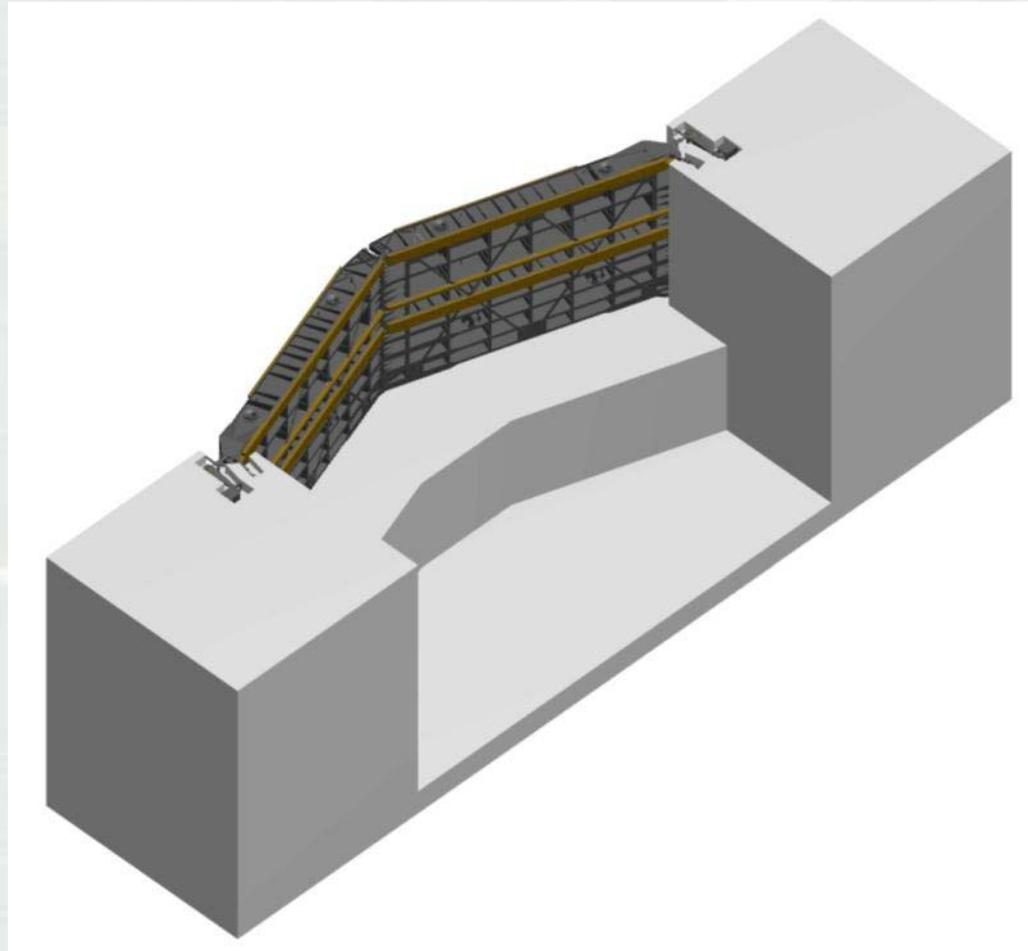


FY 2011 Challenges

- **Soo Asset Renewal**
 - **Gate Anchorage Assemblies**
 - **Rock Cut**



Poe Lock Gate System



BUILDING STRONG®

Poe Lock Anchorage Assembly





FY 2011 Challenges (cont)

- **Milwaukee Harbor CDF Construction**
- **Green Bay:**
 - **Cat Island**
 - **Renard Island**



FY 2012 Challenges

Dredging Backlog:

- No low use commercial (< 1M tons) harbors funded
- Saginaw River not funded



FY12 Dredging Plan



FY 2012 Challenges (cont)

Floating Plant



Key FY10 Floating Plant Accomplishments

More than “breakwater” work

- Installed two davit arms at O'Brien lock to support the fish barrier project
- Repaired and re-installed a motor at the Chicago Lock; large motor that required a crane for placement; floating plant crew did this with no lead time.
- Welders repaired steel walkway at Indiana Harbor – key life safety issue.
- Welders repaired walkway at Fox River Rapide Croche dam; life safety issue for Corps personnel
- Increased capacity of Calumet CDF by precision placement of 646 precast concrete blocks
- Great Lakes floating plant crews perform this critical mission with 30% fewer personnel compared to 10 years ago.



Questions?

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